



C6-21-01

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

## APPLICATION ELEMENTS

*See MPEP chapter 600 concerning utility patent application contents.*

1.	<input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>	
2.	<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27.	
3.	<input checked="" type="checkbox"/>	Specification <i>(preferred arrangement set forth below)</i>	[Total Pages] <span style="border: 1px solid black; padding: 2px;">232</span>
<ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>			
4.	<input checked="" type="checkbox"/>	Drawing(s) (35 U.S.C. 113)	[ Total Sheets ] <span style="border: 1px solid black; padding: 2px;">30</span>
5.	Oath or Declaration [ Total Pages ] <span style="border: 1px solid black; padding: 2px;">5</span>		
a.	<input type="checkbox"/>	Newly executed (original or copy)	
b.	<input checked="" type="checkbox"/>	Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 complete)</i>	
i.	<input checked="" type="checkbox"/>	<b><u>DELETION OF INVENTOR(S)</u></b>	
	Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		
6.	<input type="checkbox"/>	Application Data Sheet. See 37 CFR 1.76	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)

of prior application No.: 09 , 620,606

Group Art Units 2818

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/>	Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)	<input type="checkbox"/> or <input checked="" type="checkbox"/>	Correspondence address below
Name	Edward L. Pencoske			
	Thorp Reed & Armstrong, LLP			
Address	One Oxford Centre, 301 Grant Street, 14th Floor			
City	Pittsburgh	State	PA	Zip Code
Country	United States	Telephone	(412) 394-7789	Fax
Name (Print/Type)	Edward L. Pencoske	Registration No. (Attorney/Agent)	29,688	
Signature			Date	20 Unc 01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL

## for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 710)

## Complete if Known

Application Number	Not yet assigned
Filing Date	June 20, 2001
First Named Inventor	Keeth
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	DB000575-012

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **20-0888**

Deposit Account Name

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.272.  Payment Enclosed: Check     Credit card     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201 355 Utility filing fee	<b>710</b>
106	320	206 160 Design filing fee	
107	490	207 245 Plant filing fee	
108	710	208 355 Reissue filing fee	
114	150	214 75 Provisional filing fee	

SUBTOTAL (1) (\$ 710)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
19	-20** = 0	x 18 = 0	= 0
3	-3** = 0	x 80 = 0	= 0
Multiple Dependent		(0)	= 0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR 1.17(q)	
126	180	126 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	

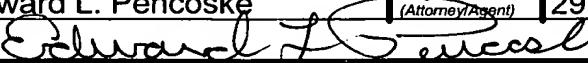
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Edward L. Pencoske	Registration No. (Attorney/Agent)	29,688	Telephone	(412) 394-7789
Signature		Date	20 June 01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXPRESS MAIL MAILING LABEL

Number: EJ116539776US  
Date of Deposit: 22 August 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service under 37 C.F.R. 1.10 on the date indicated above and addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231

O I P E  
AUG 22 2001  
THOMAS REED & ARMSTRONG, LLP  
One Oxford Centre  
301 Grant Street, 14<sup>th</sup> Floor  
Pittsburgh, PA 15219-1425

*Suzanne Horodek*

PATENT  
Attorney Docket No.: DB000575-012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Keeth, et al.

)  
)  
)

Examiner: Not yet assigned

Serial No.: 09/885,217

Art Unit: Not yet assigned

Filed: 20 June 2001

Entitled: 256 MEG DYNAMIC RANDOM ACCESS MEMORY

TRANSMITTAL LETTER

To: Assistant Commissioner for Patents  
Attn. Office of Petitions  
Washington, D.C. 20231

Dear Sir:

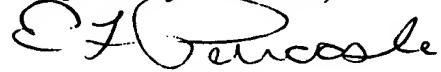
Enclosed for filing in the above-captioned application, please find the following:

- Petition to Grant Filing Date of 20 June 2001
- Copy of the Express Mail label (Exhibit A)
- Copy of the preliminary amendment that was filed with the '606 application (Exhibit B)
- Copy of Utility Patent Application Transmittal (Exhibit C)
- Copy of declaration (Exhibit D)
- Copy of return receipt postcard (Exhibit E)
- Copy of the filed request to delete inventors (Exhibit F)
- Copy of page 29 of specification of Serial No. 08/916,692
- Second Preliminary Amendment
- Part 2 of Notice of Incomplete Nonprovisional Application

Also enclosed is a return postcard. Please date stamp and mail the postcard to acknowledge receipt of the above-mentioned correspondence.

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A duplicate copy of this transmittal is enclosed herewith.

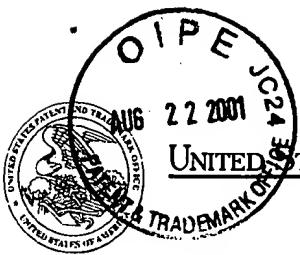
Respectfully submitted,



Edward L. Pencoske  
Reg. No. 29,688  
THORP REED & ARMSTRONG, LLP  
One Oxford Centre, 14<sup>th</sup> Floor  
Pittsburgh, PA 15219-1425  
(412) 394-7789

Dated: 22 August 2001

Attorneys for Applicants



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/885,217	06/20/2001	Brent Keeth	DB000575-012

CONFIRMATION NO. 3379

## FORMALITIES LETTER



\*OC00000006388917\*

Edwards L. Pencoske  
Thorp Reed & Armstrong, LLP  
One Oxford Centre  
301 Grant Street, 14th Floor  
Pittsburgh, PA 15219-1425

Date Mailed: 08/06/2001

## NOTICE OF INCOMPLETE NONPROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(b)

A filing date has NOT been accorded to the above-identified application papers for the reason(s) indicated below.

All of the items noted below and a newly executed oath or declaration covering the items must be submitted within TWO MONTHS of the date of this Notice, unless otherwise indicated, or proceedings on the application will be terminated (37 CFR 1.53(e)).

The filing date will be the date of receipt of all items required below, unless otherwise indicated. Any assertions that the item(s) required below were submitted, or are not necessary for a filing date, must be by way of petition directed to the attention of the Office of Petitions accompanied by the \$130.00 petition fee (37 CFR 1.17(h)). If the petition states that the application is entitled to a filing date, a request for a refund of the petition fee may be included in the petition.

- The specification does not include at least one claim.  
*A complete specification as prescribed by 35 U.S.C. 112 is required.*

The following item(s) appear to have been omitted from the application:

- Page(s) 29 of the specification (description and claims).

*A copy of this notice MUST be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE